

Figure 1a

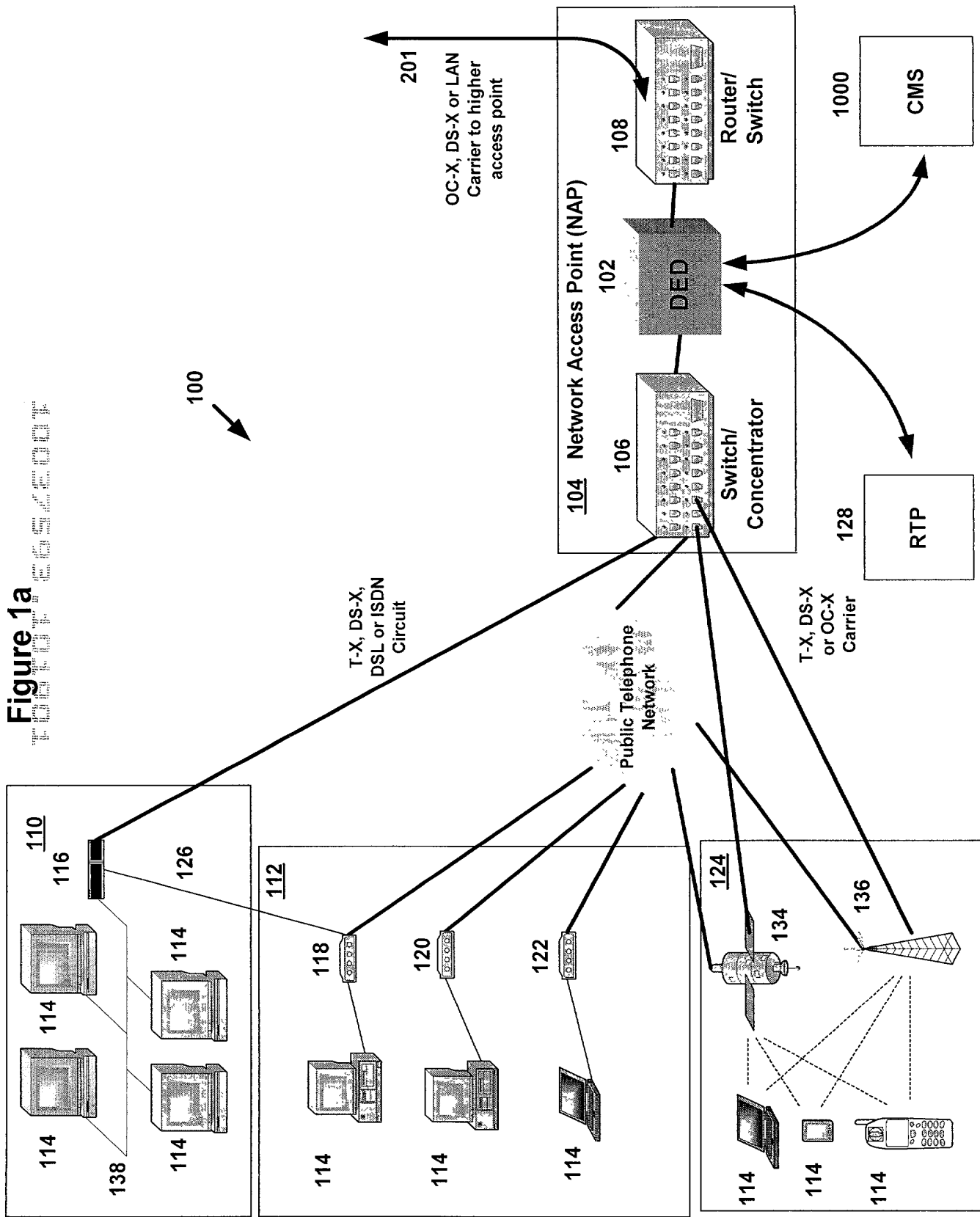


Figure 1b. Regional Transaction Processor

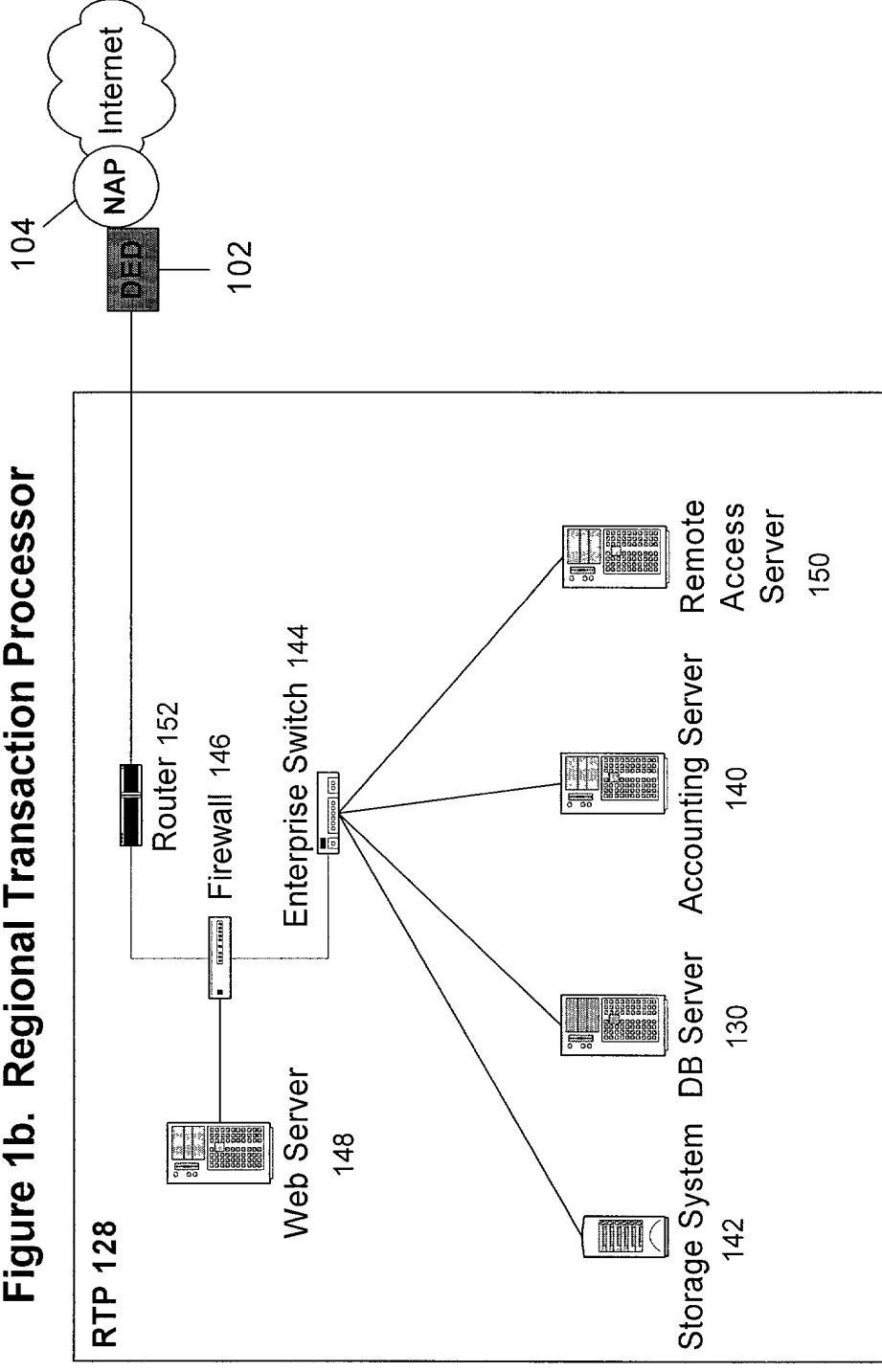


Figure 1c. Content Matching Server

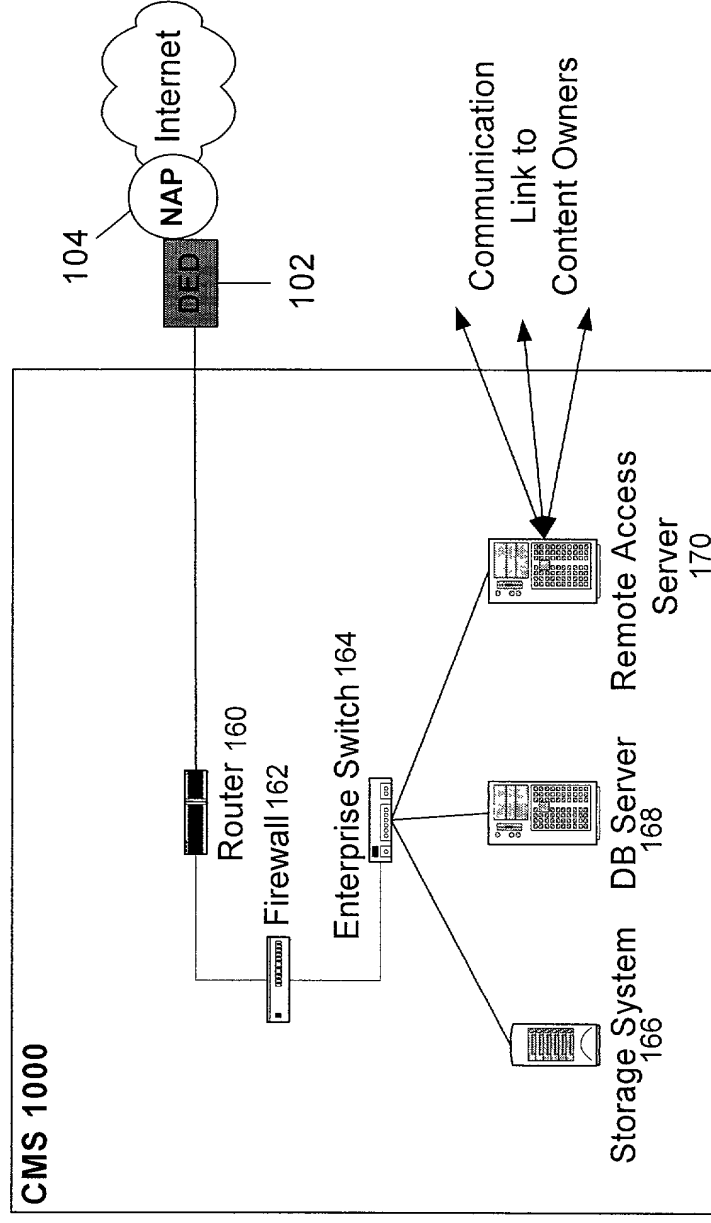


Figure 1d. Central Storage and Backup Systems

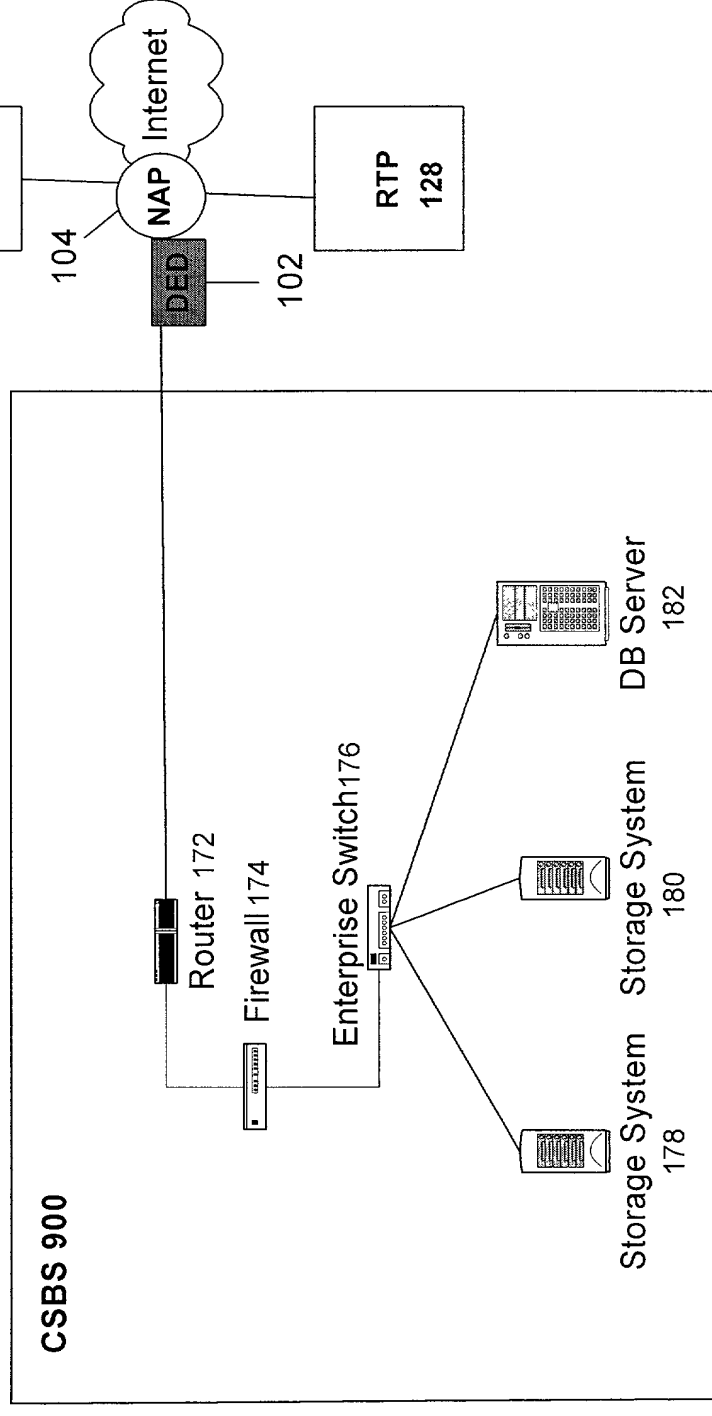


Figure 1e.

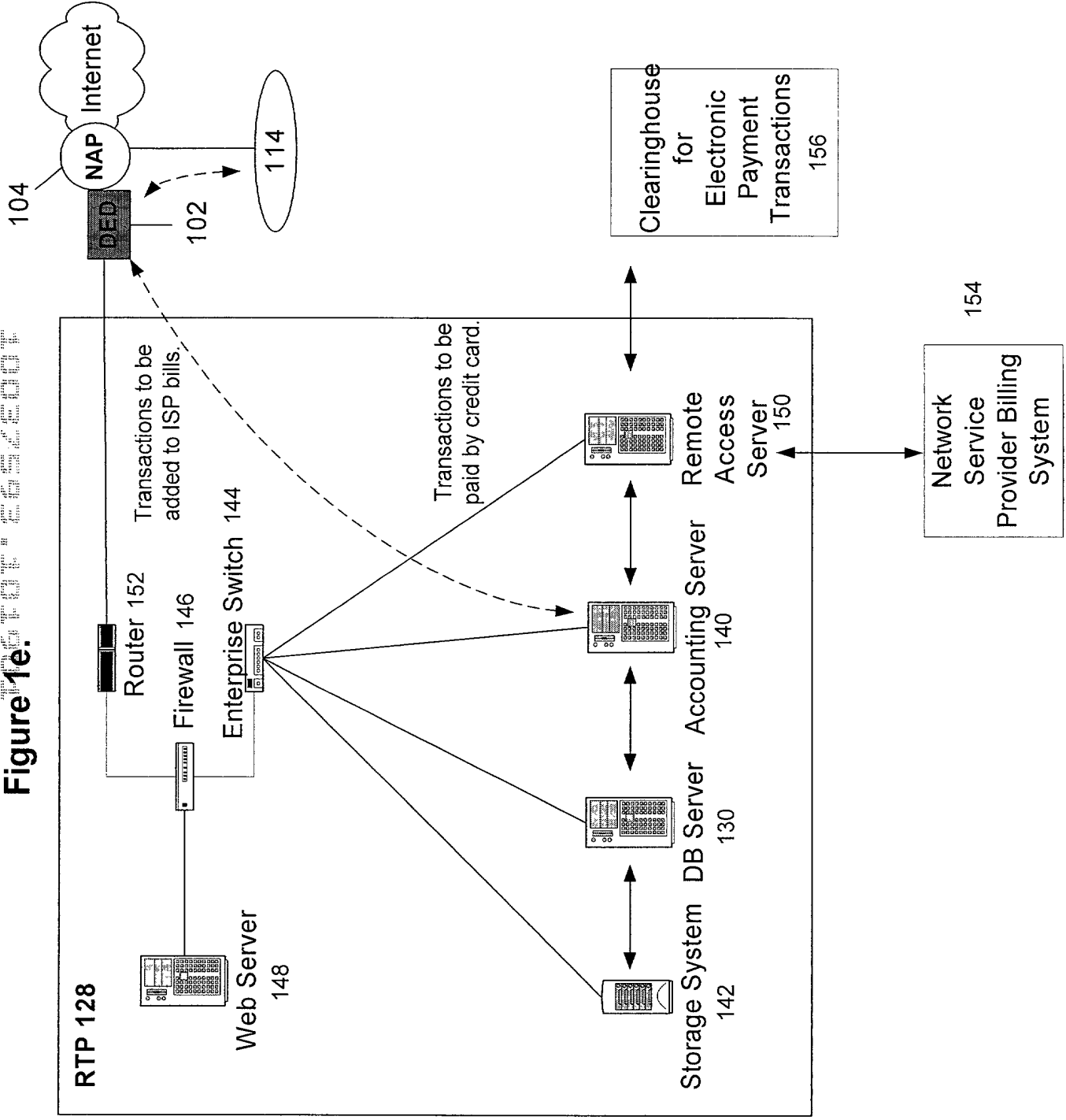
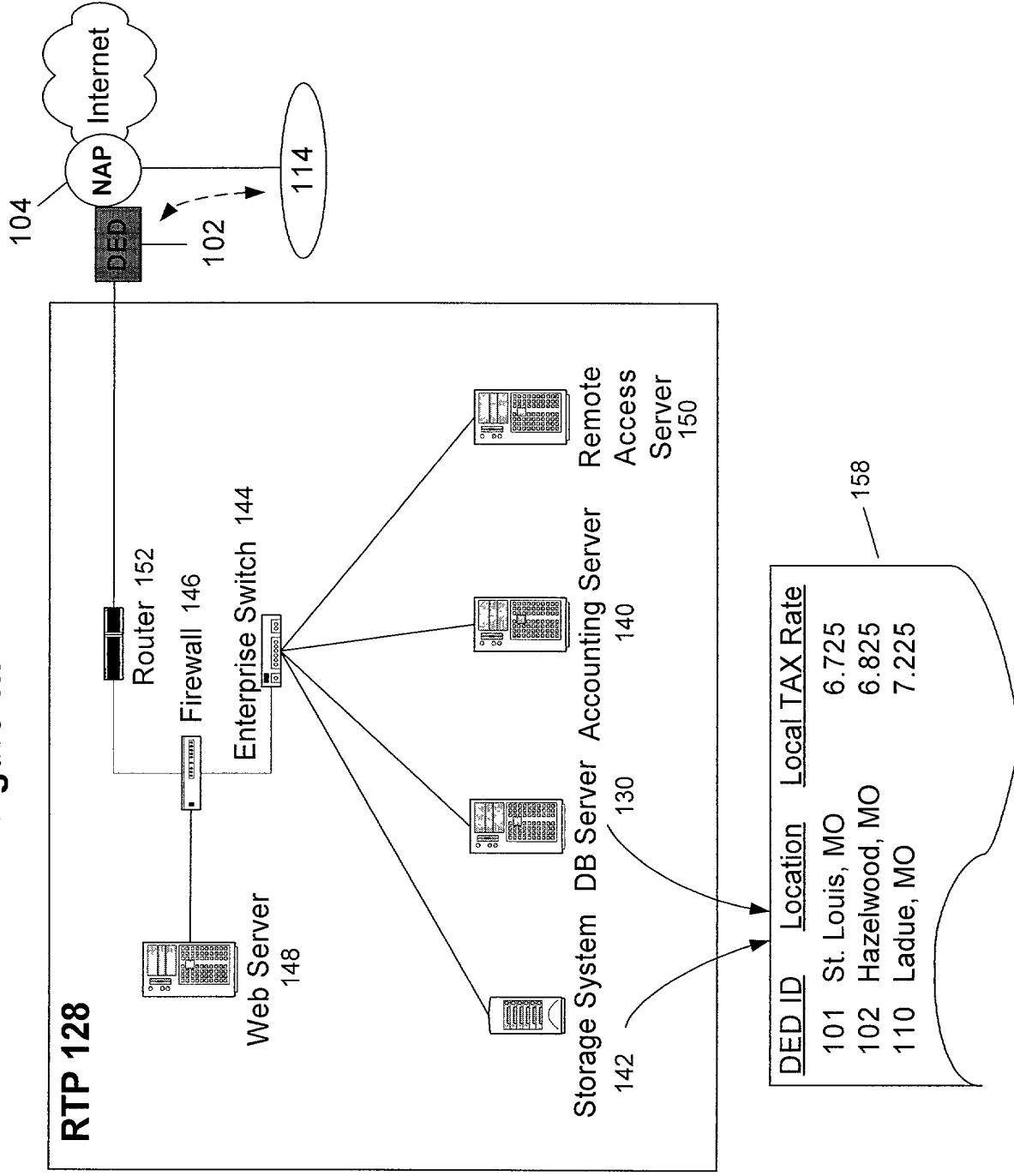
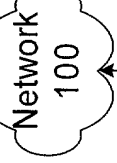


FIGURE 1f





Workstation
114

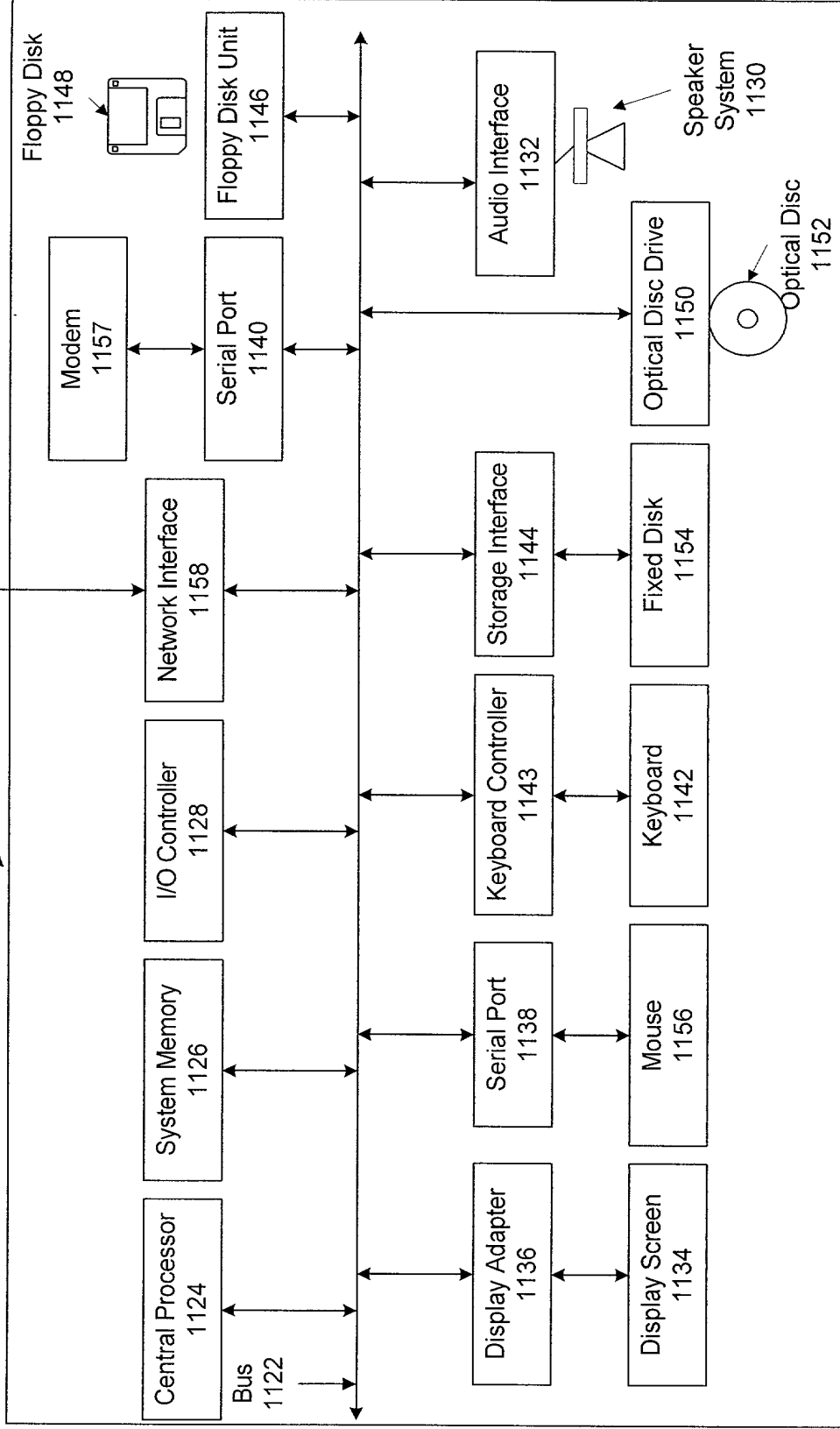


Figure 1g

Figure 2a

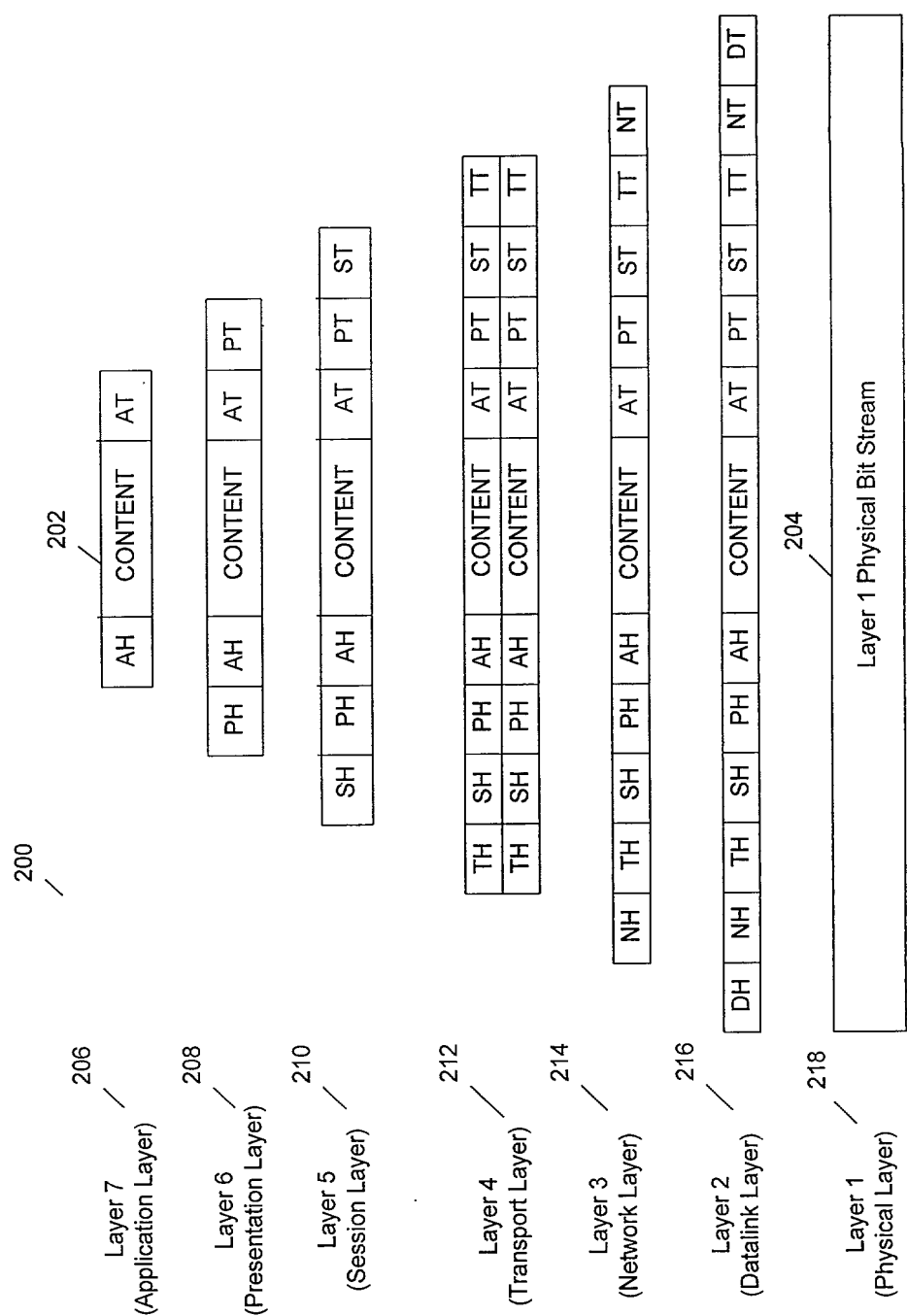
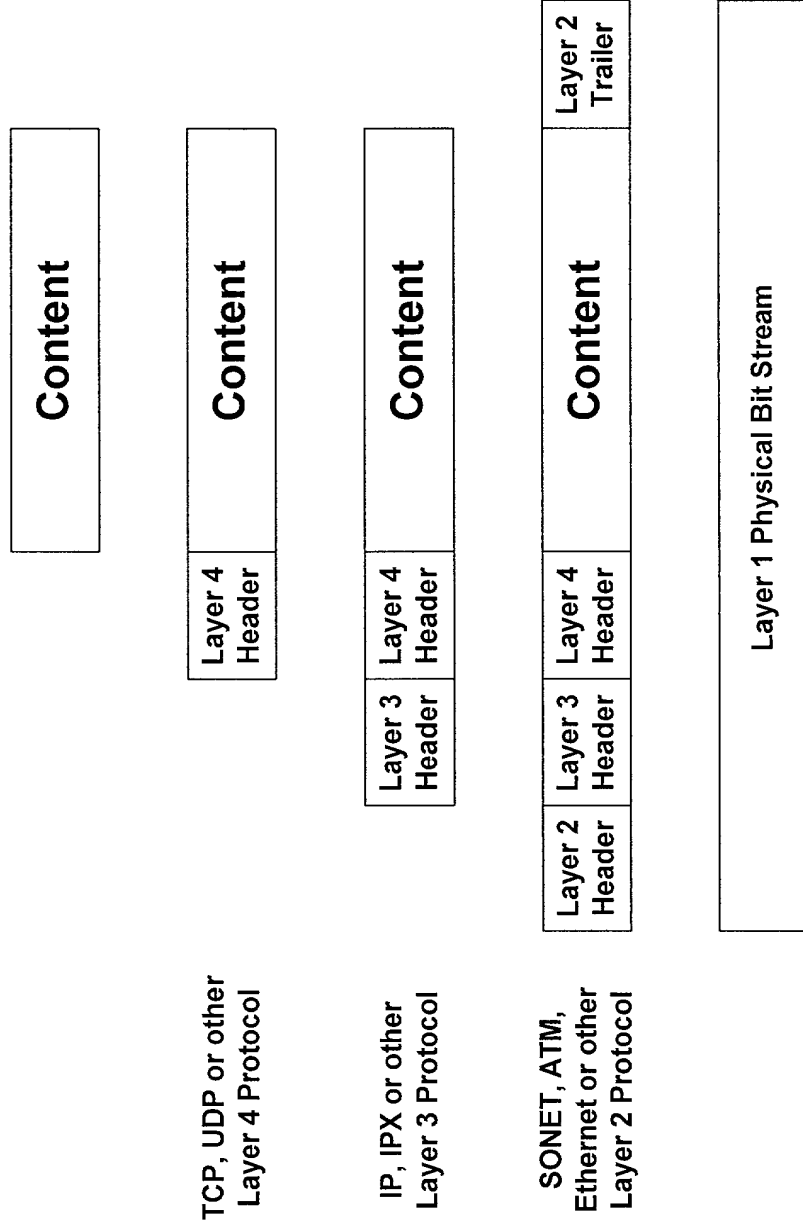


Figure 2b. Layered Data Encapsulation Process

202



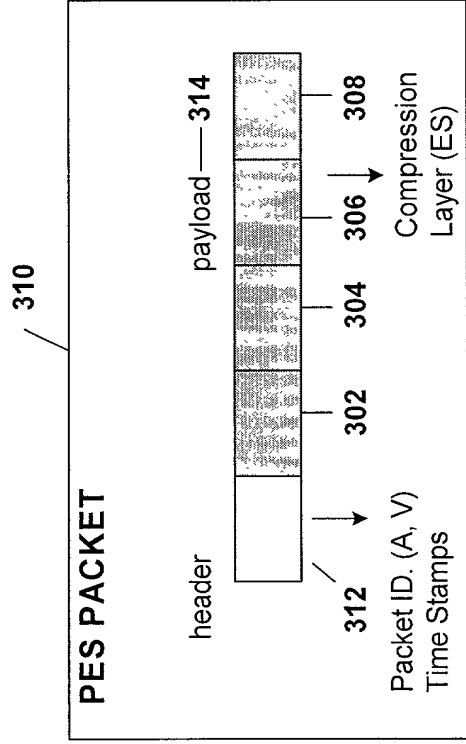


Fig. 3a

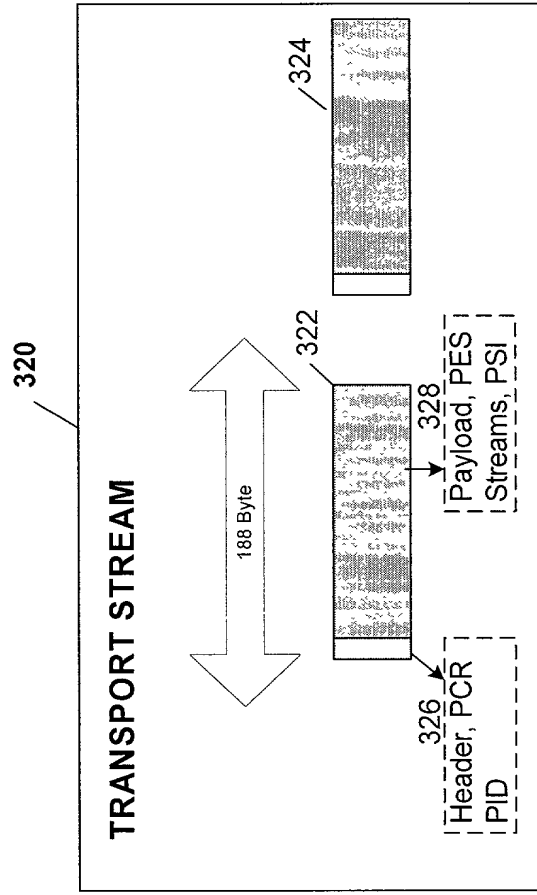


Fig. 3b

Figure 4a

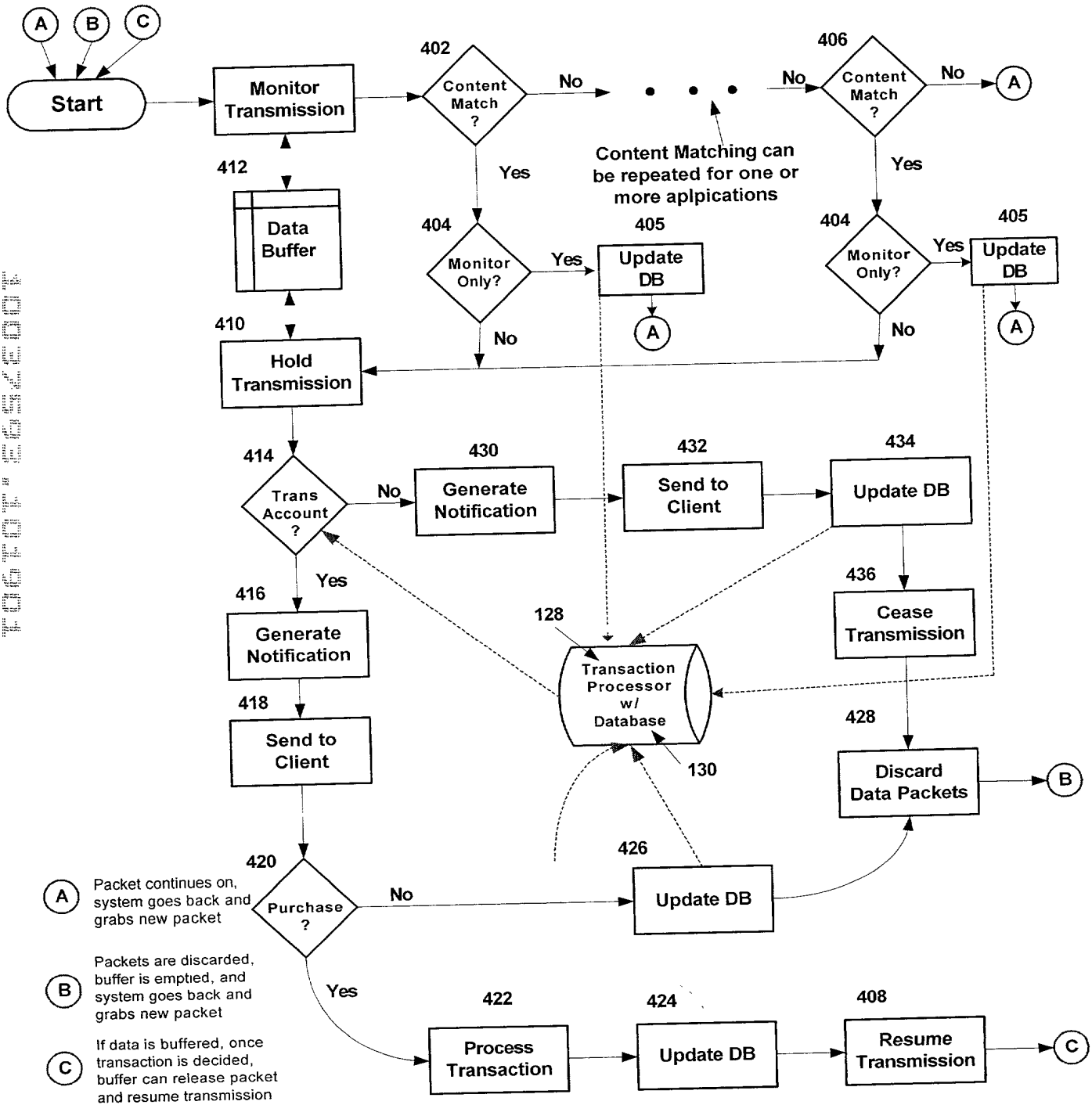


Figure 4b

Purchase Notice

You are attempting to download copyright protected material.
You have the option to purchase this material for the amount
shown in the Total box below:

Item:	\$2.00
Tax:	.12
Total:	\$2.12

To purchase, please enter your credit card information

Card Type	VISA	Card #	2222-2222-2222-2222
Exp. date	07-05		

Or click here to add it to you ISP account ☐

Enter Password

Do you agree to purchase?

Figure 4c

Purchase Notice

You are attempting to download copyright protected material.
You have the option to purchase this material for the amount
shown in the Total box below.

Item:	\$2.00
Tax:	.12
Total:	\$2.12

To purchase, please enter your credit card information

Card Type

Card #

Exp. date

Do you agree to purchase?

Figure 4d

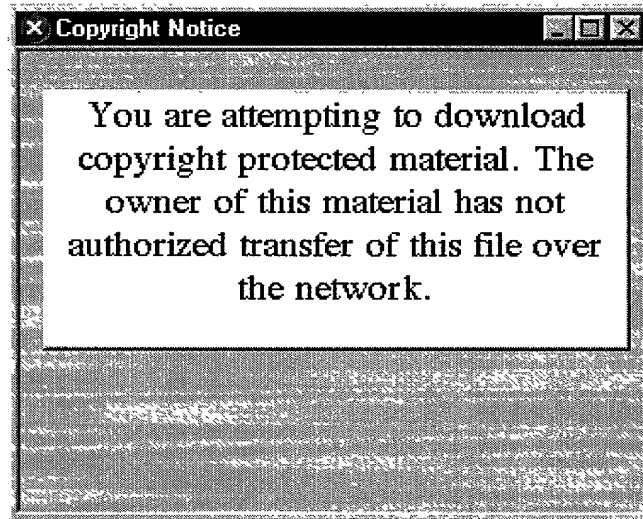


Figure 4e

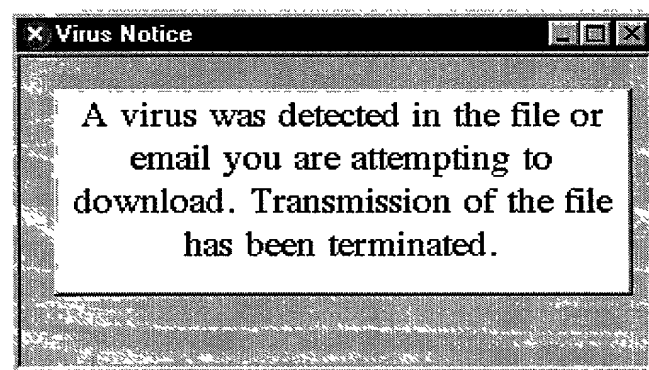


Figure 4f

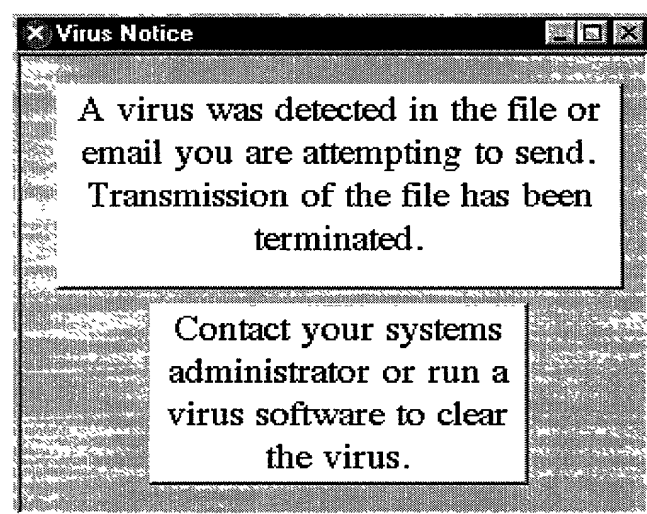


Figure 4g

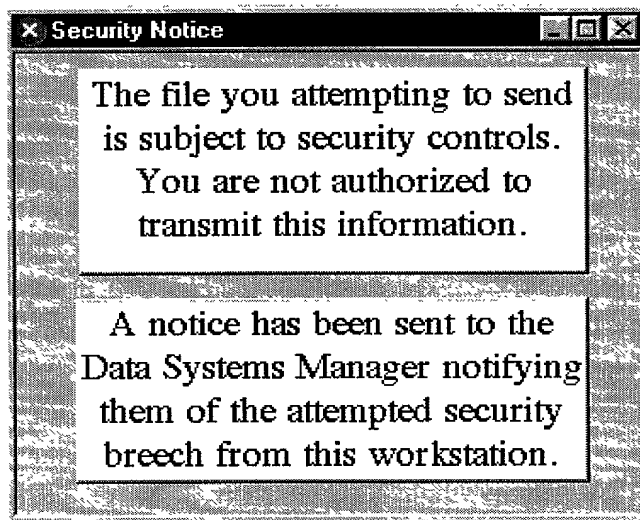


Figure 4h

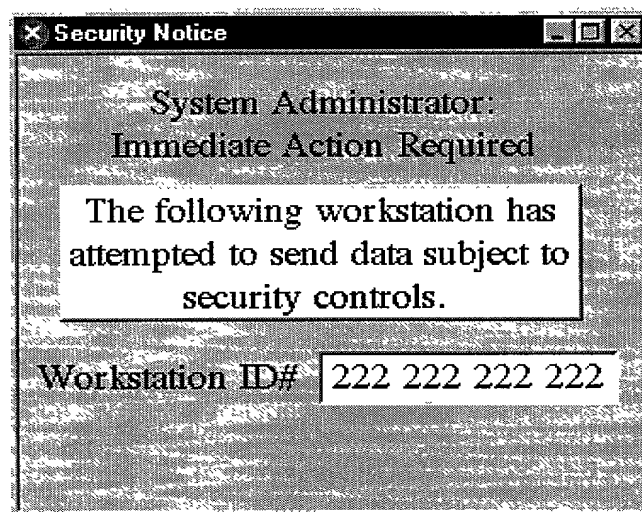


Figure 4i

Retail Purchase Notice

Your order has been received. Please verify the amount below.

Item:	\$20.00
Tax:	1.20
Shipping:	5.00
Total:	\$26.20

To purchase, please enter your credit card information

Card Type **VISA** Card # **2222-2222-2222-2222**
Exp. date **07-05**

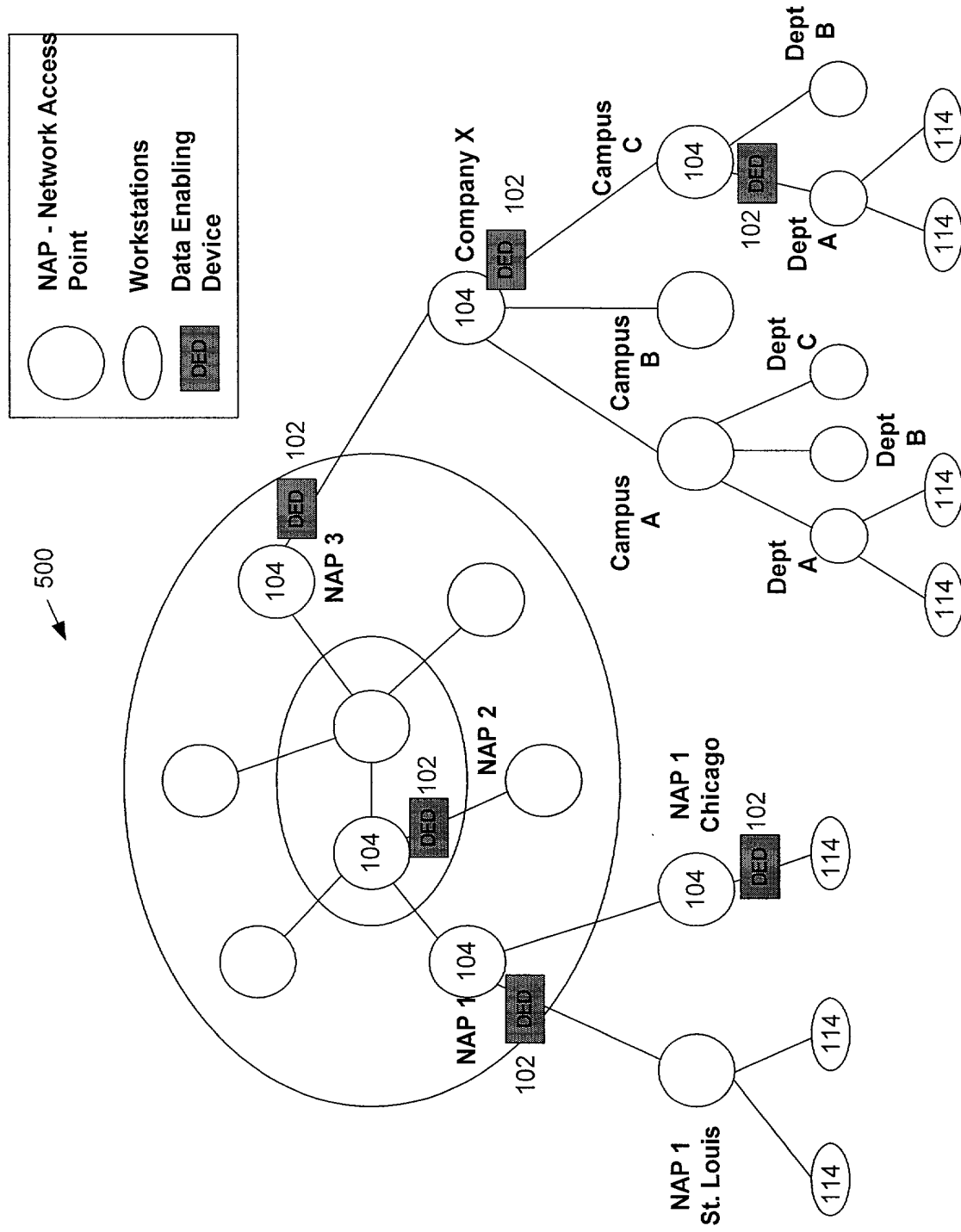
Or click here to add it to you ISP account ☐

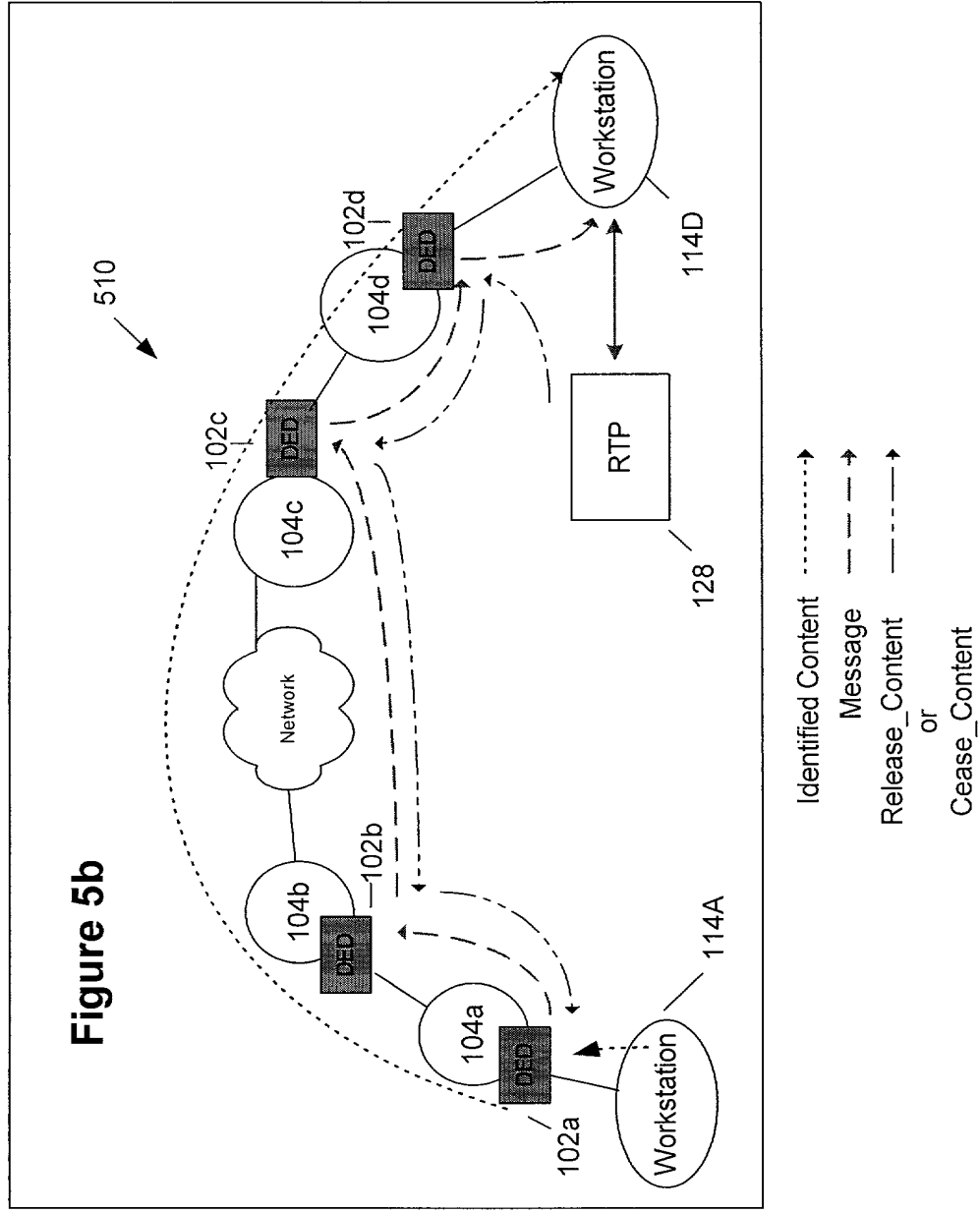
Enter Password: **XXXXXXXXXX**

Do you agree to purchase?

Yes **No**

Figure 5a





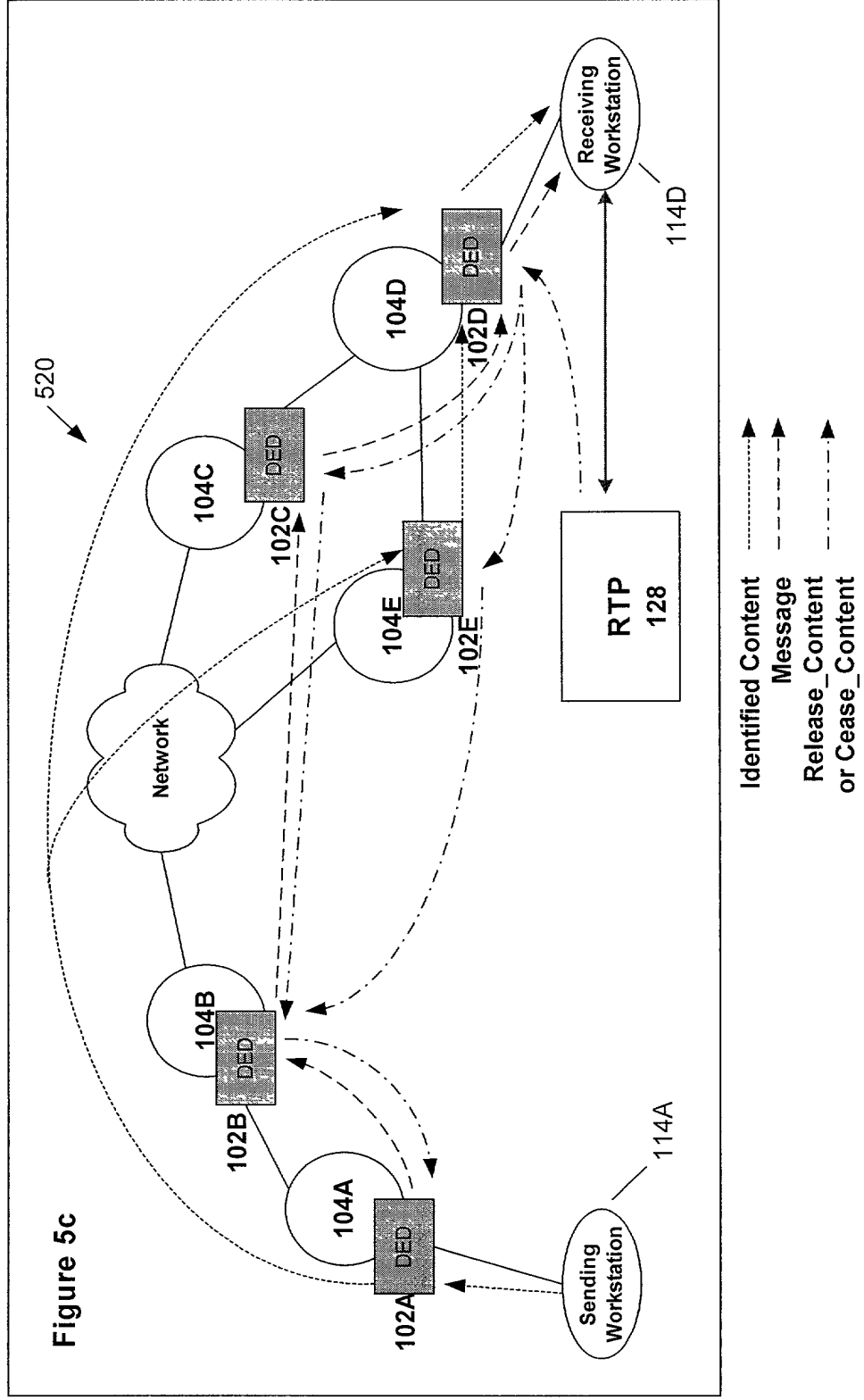
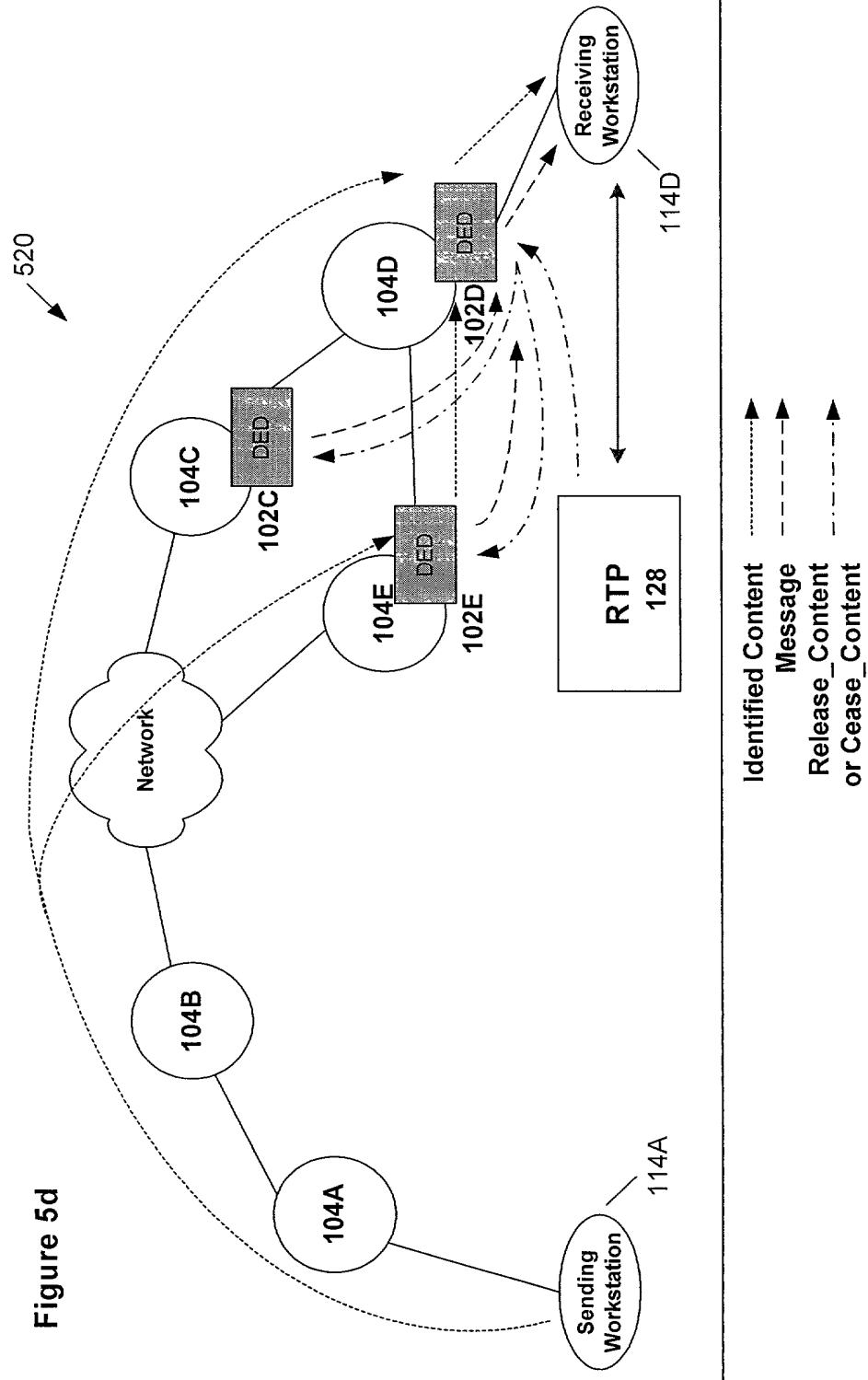


Figure 5d



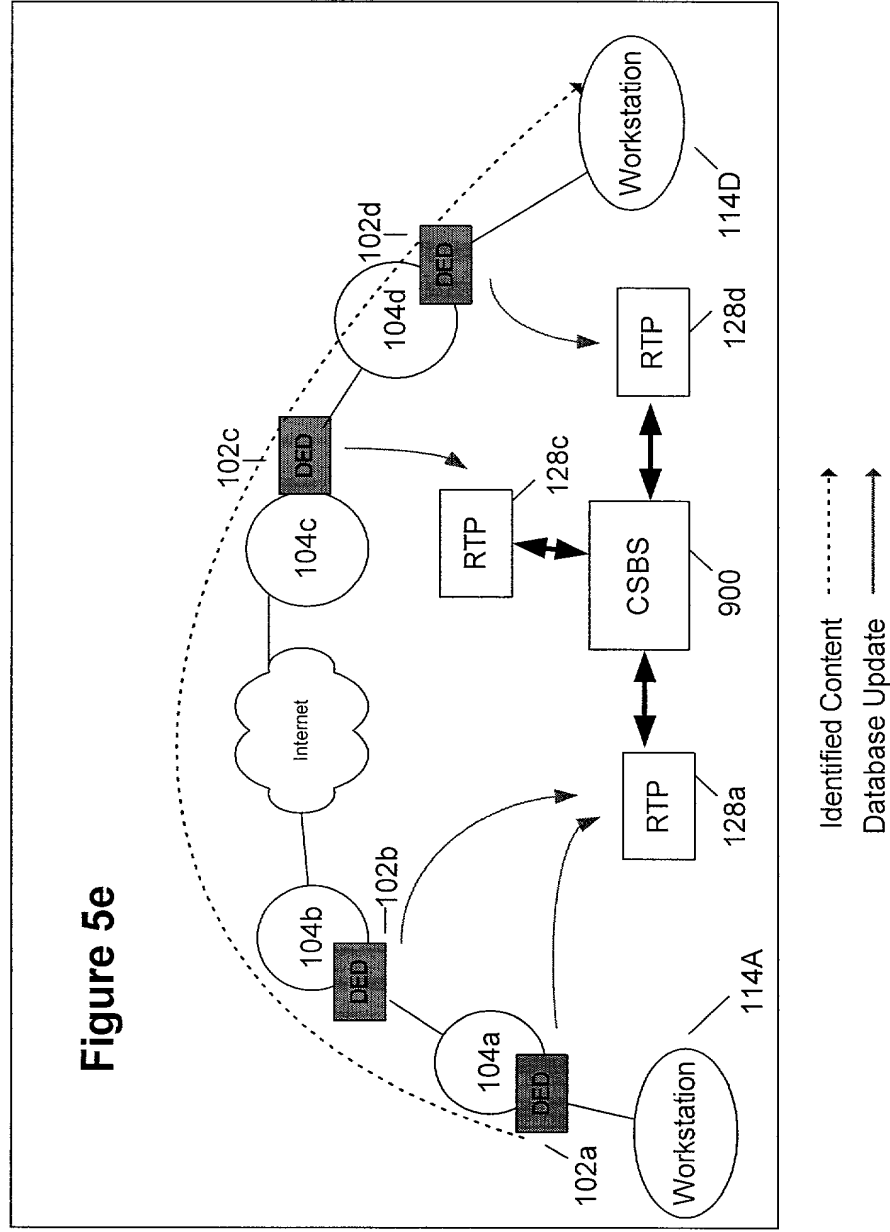


Figure 6a

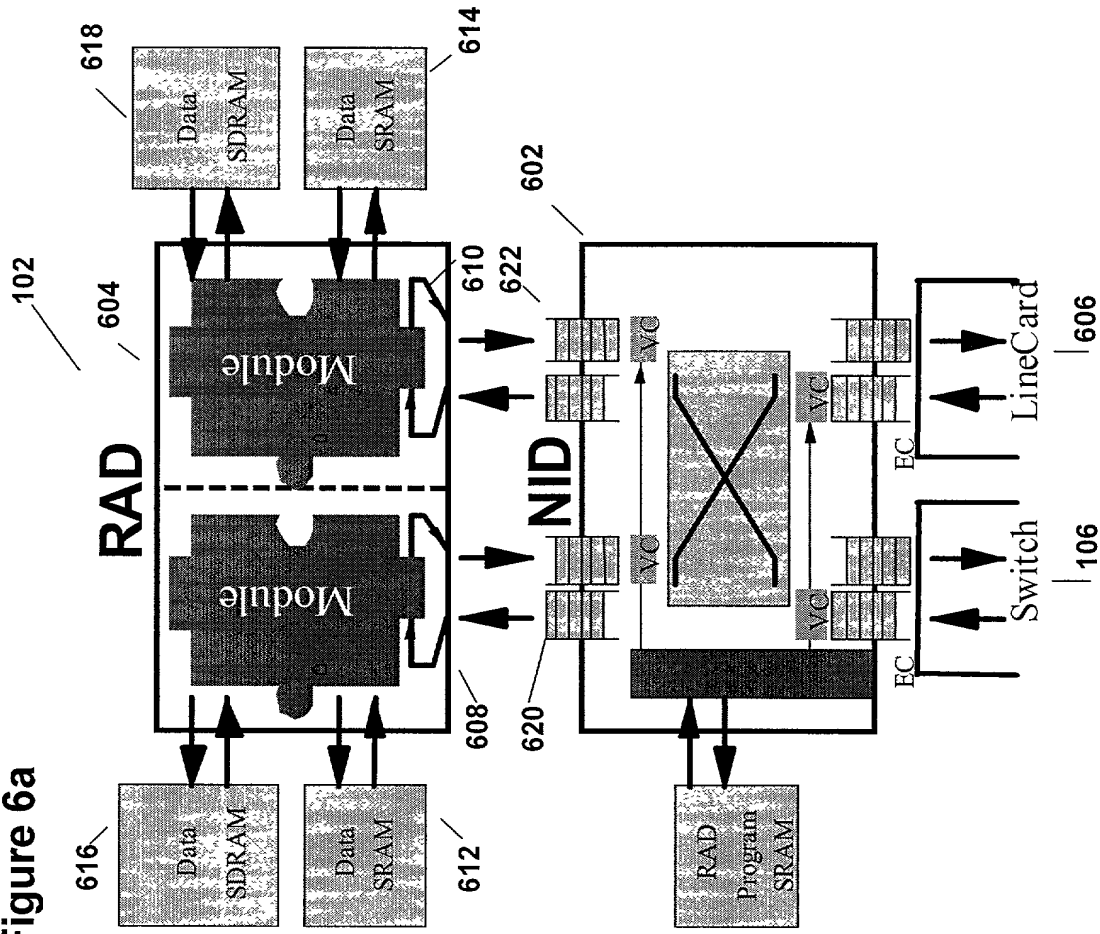


Figure 6b

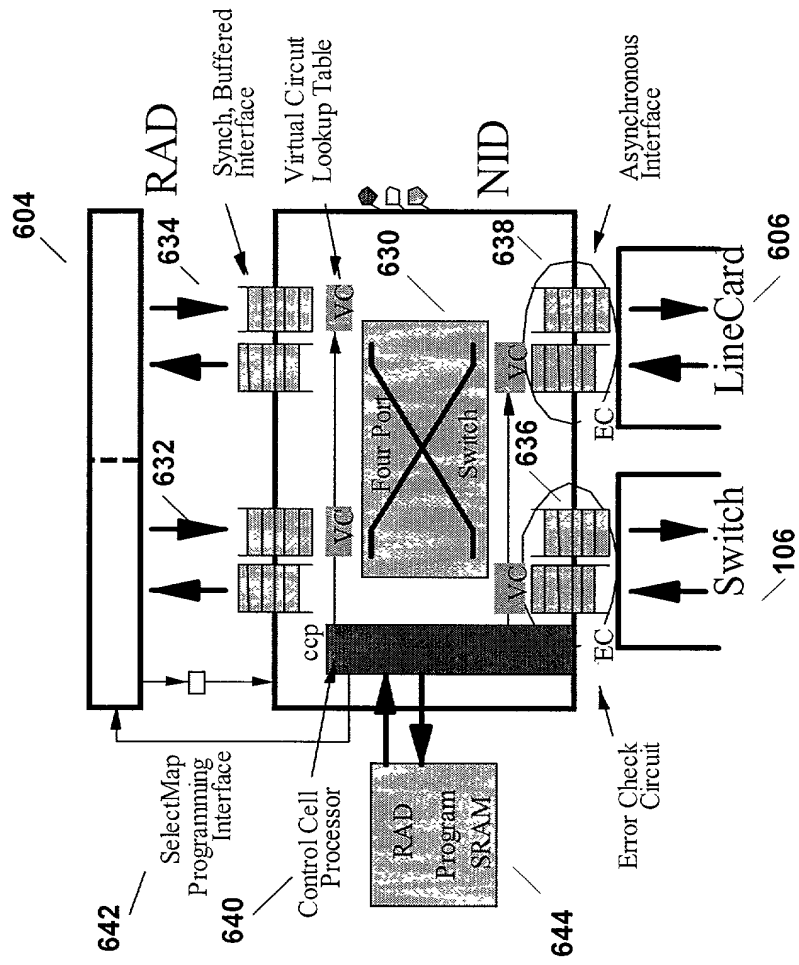


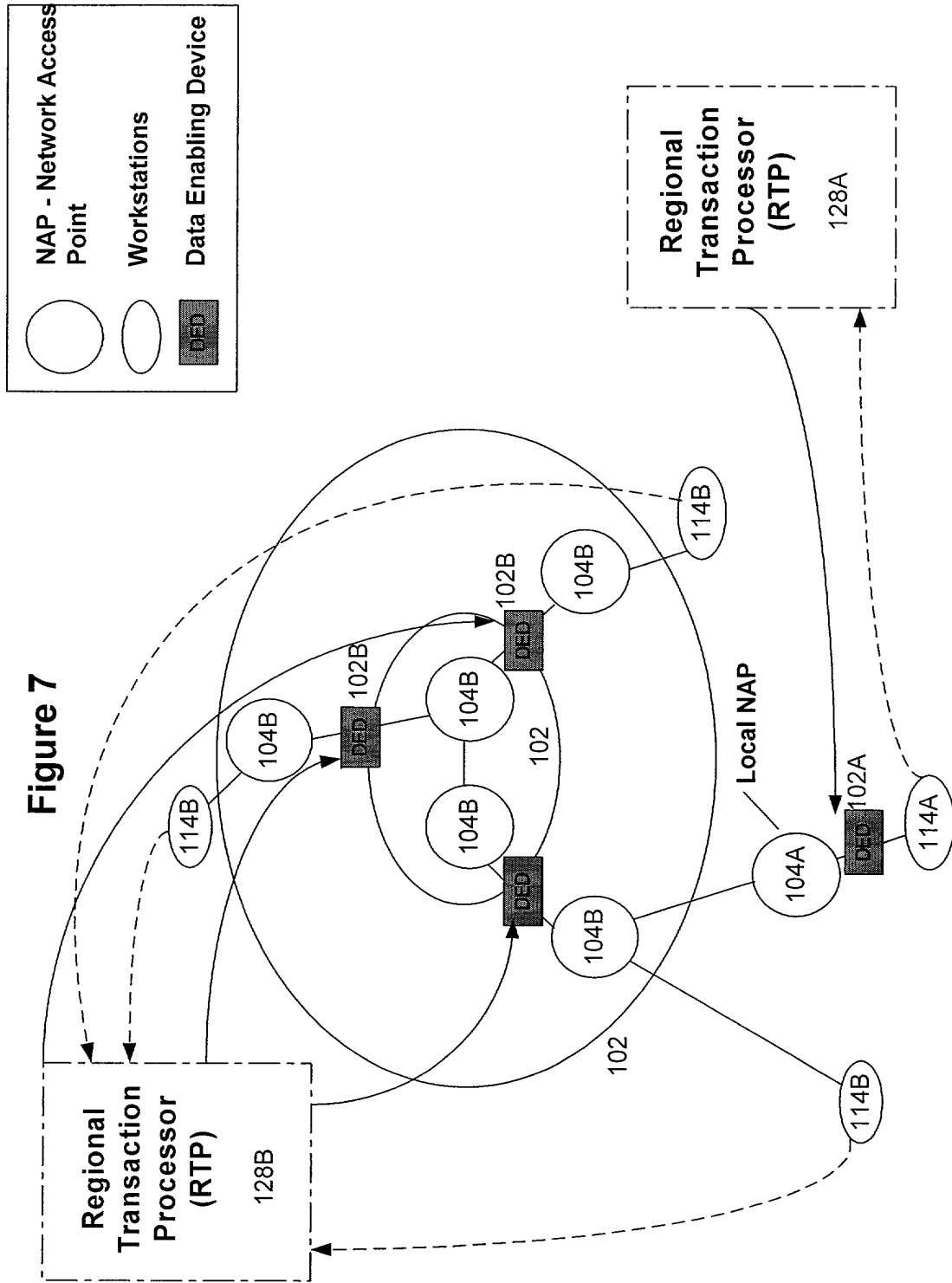
Figure 7

Legend:

- NAP - Network Access Point
- Workstations
- Data Enabling Device

Diagram Description:

The diagram illustrates a network architecture. A central **Local NAP** (Network Access Point) is shown, containing multiple **Workstations** (represented by ovals) and **Data Enabling Devices (DEDs)** (represented by shaded rectangles). The DEDs are labeled 102A, 102B, 102C, 102D, 102E, 102F, 102G, 102H, 102I, 102J, 102K, 102L, 102M, 102N, 102O, 102P, 102Q, 102R, 102S, 102T, 102U, 102V, 102W, 102X, 102Y, 102Z. The Workstations are labeled 104A, 104B, 104C, 104D, 104E, 104F, 104G, 104H, 104I, 104J, 104K, 104L, 104M, 104N, 104O, 104P, 104Q, 104R, 104S, 104T, 104U, 104V, 104W, 104X, 104Y, 104Z. Two **Regional Transaction Processors (RTPs)** are shown, labeled 128A and 128B. The RTPs are connected to the Local NAP via dashed lines. The RTPs are also connected to the DEDs via solid lines. The RTPs are connected to the Workstations via dashed lines. The RTPs are connected to the DEDs via solid lines. The RTPs are connected to the Workstations via dashed lines. The RTPs are connected to the DEDs via solid lines. The RTPs are connected to the Workstations via dashed lines.



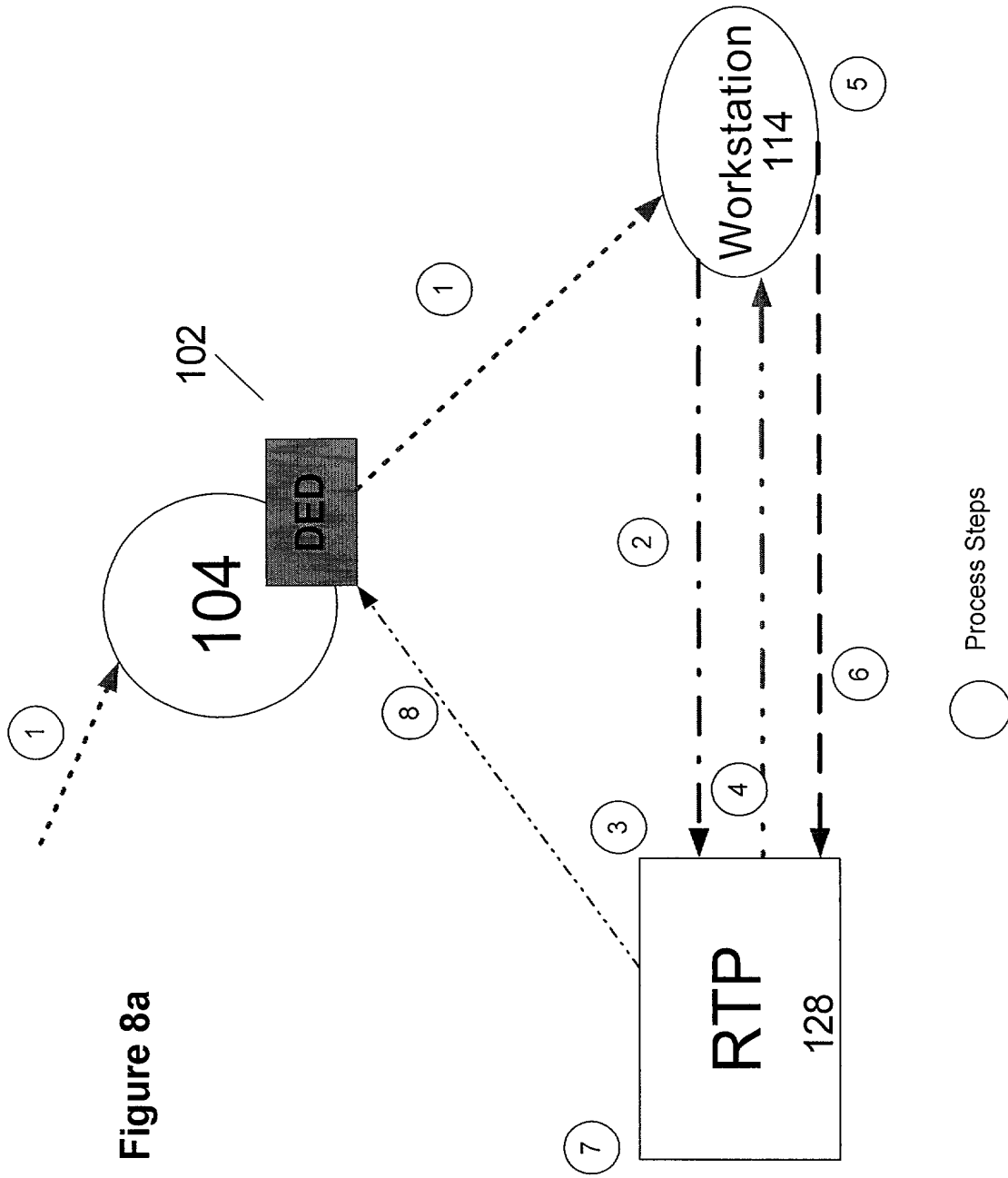


Figure 8b

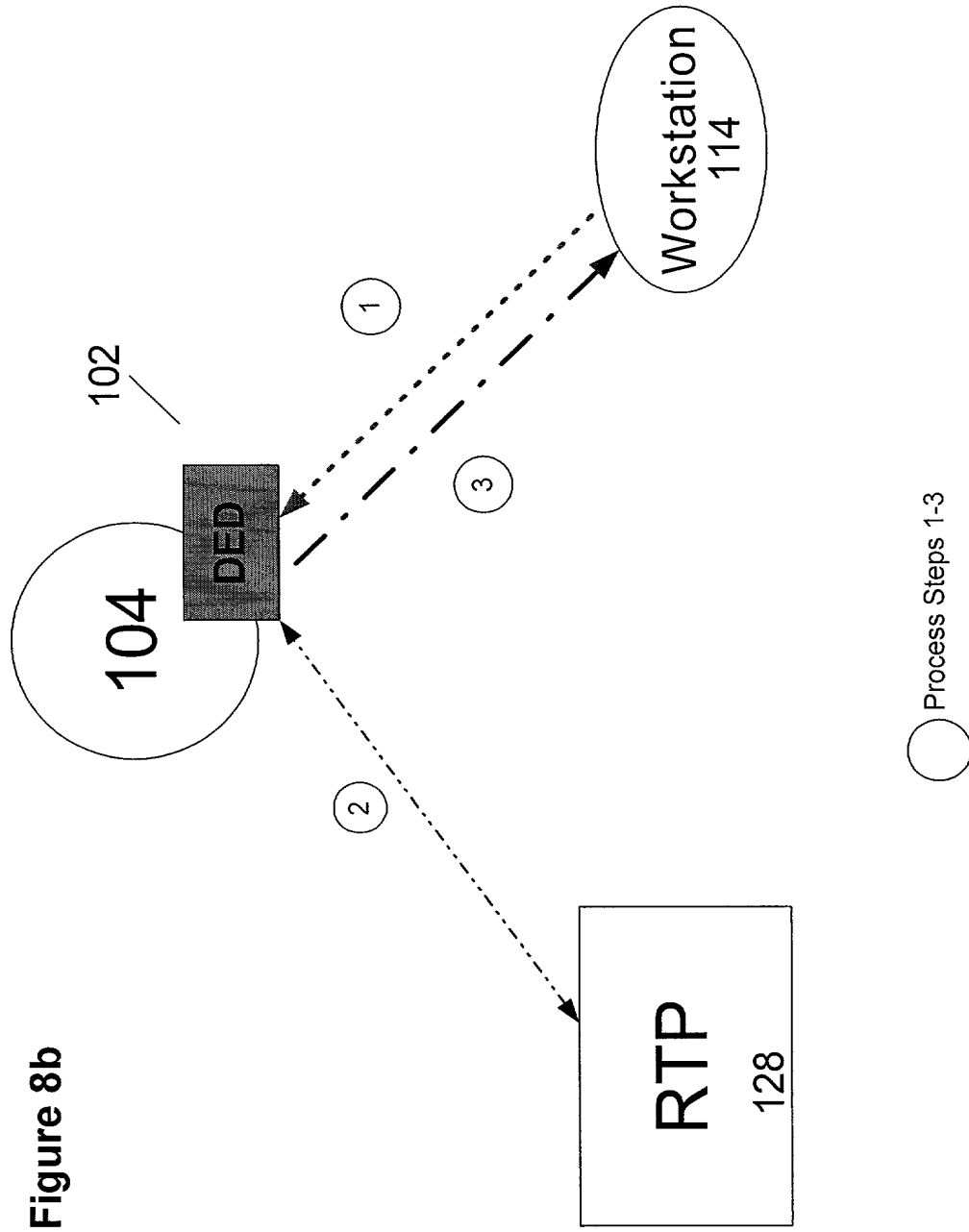
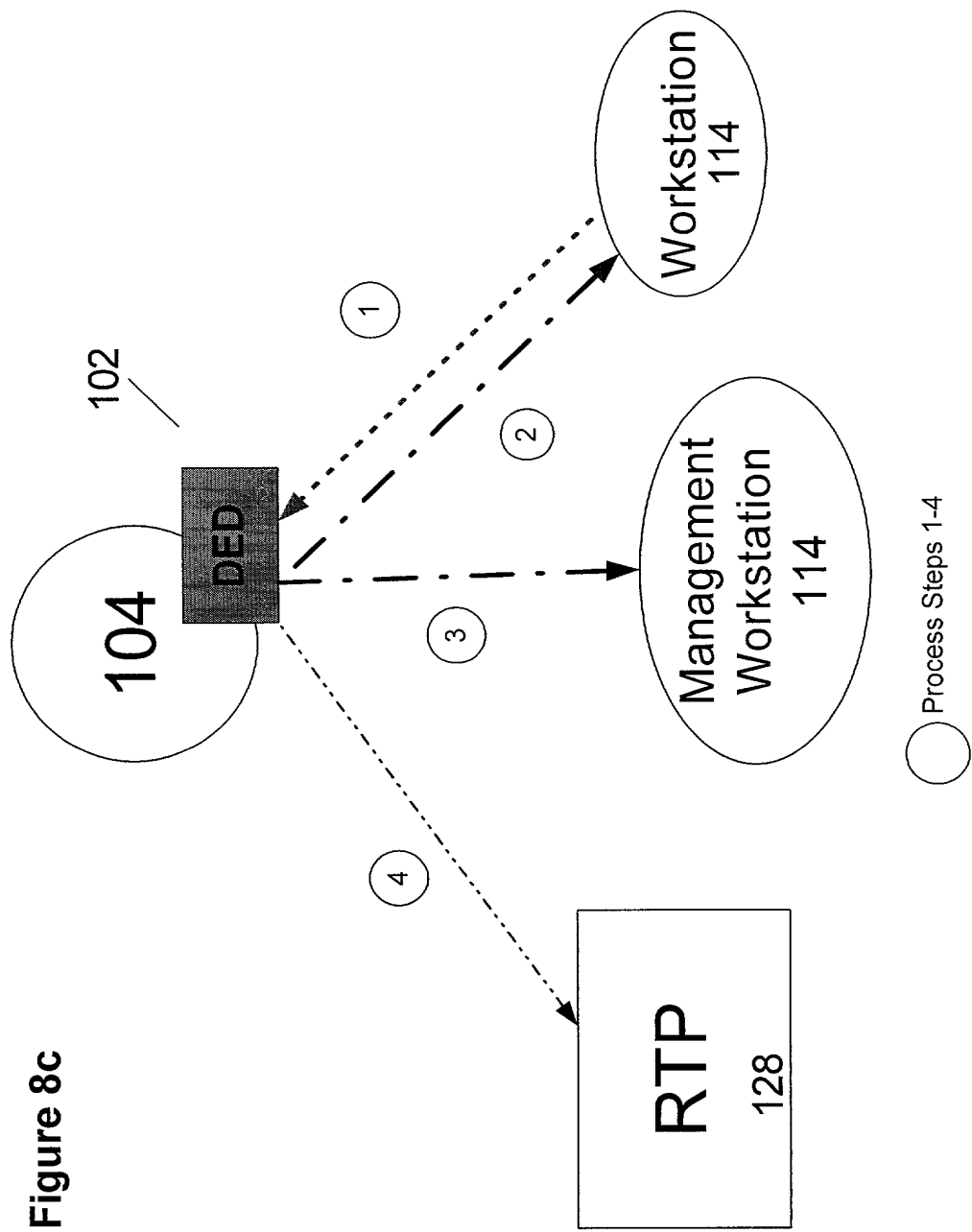
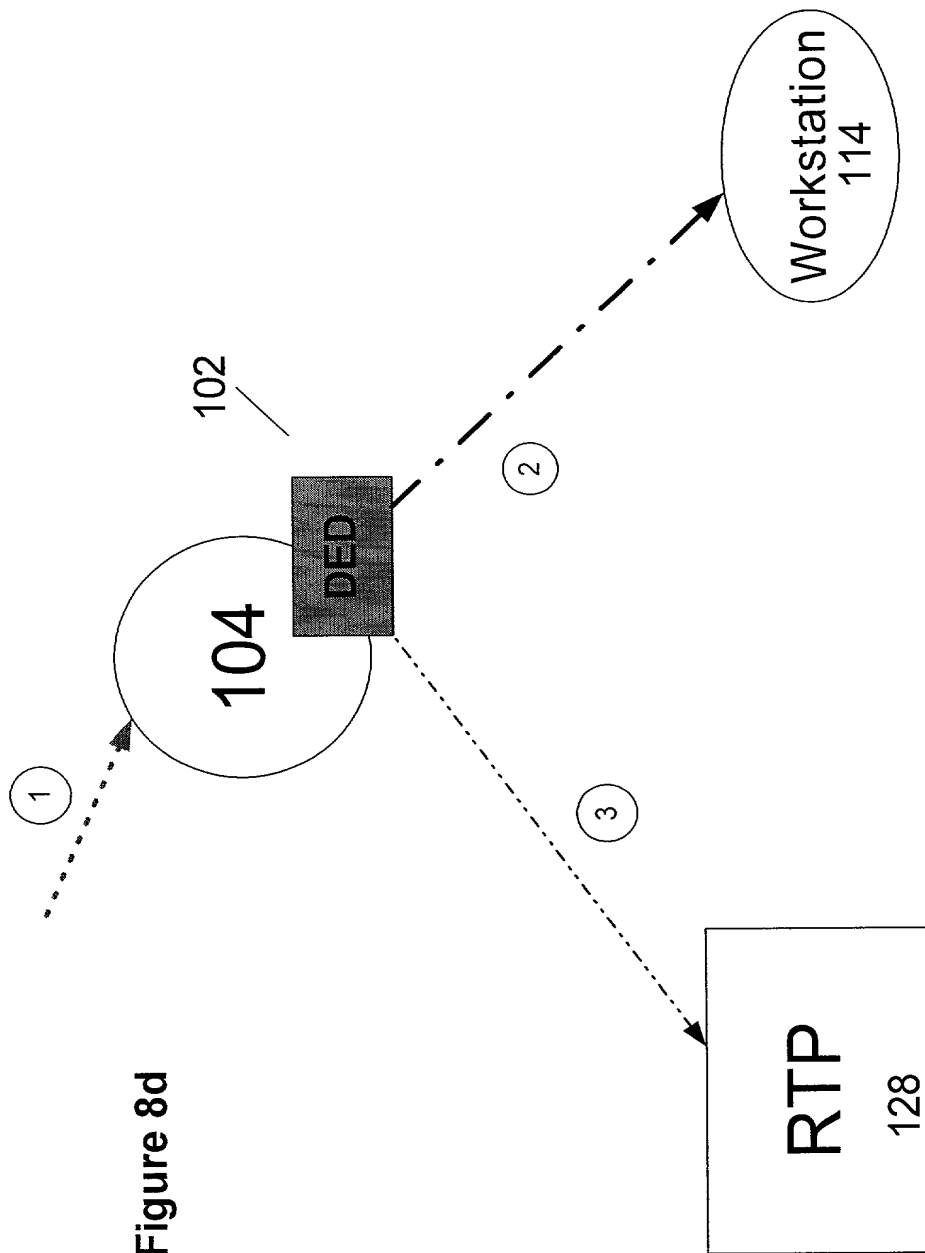


Figure 8c





○ Process Steps 1-3

Figure 8e

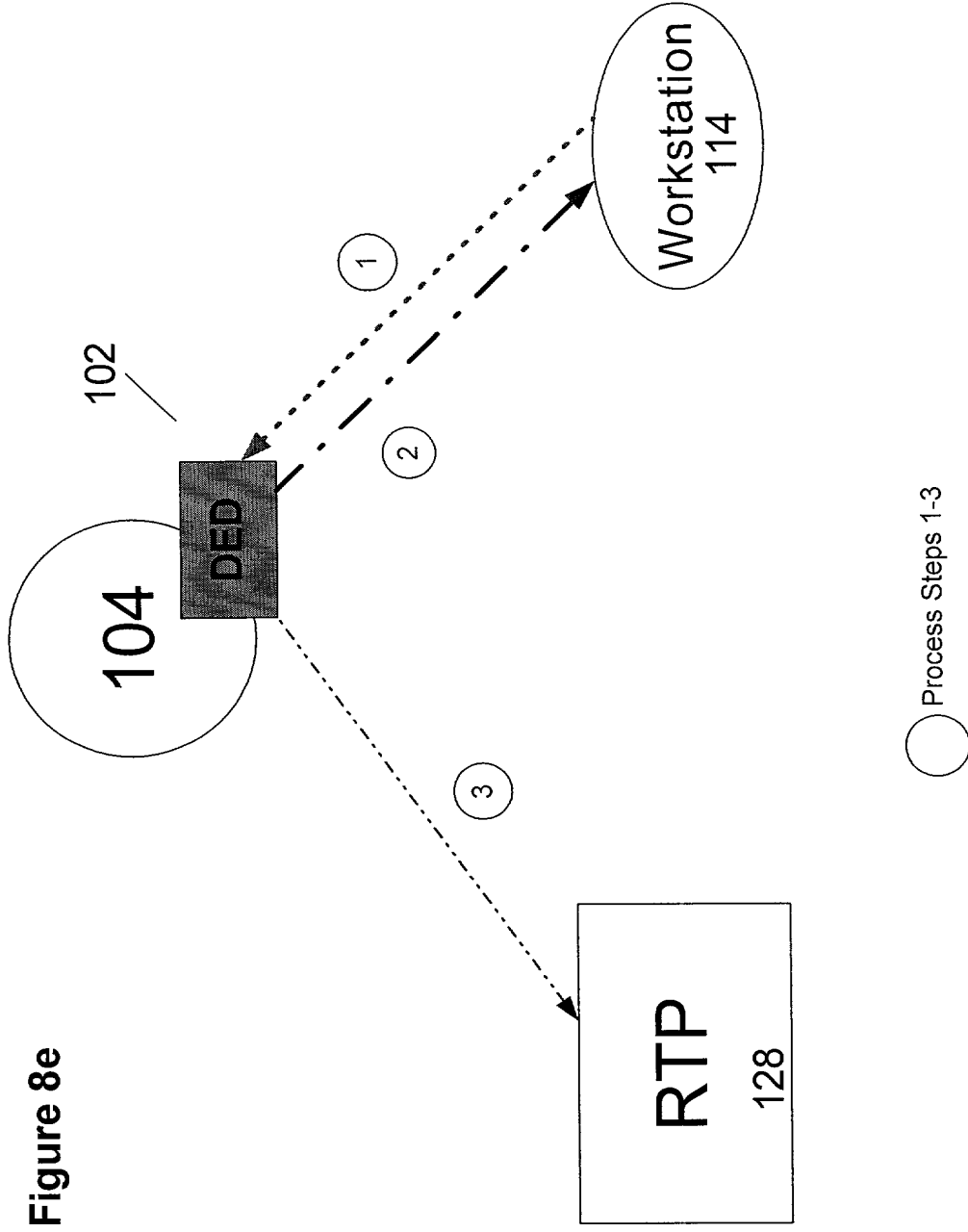


Figure 9

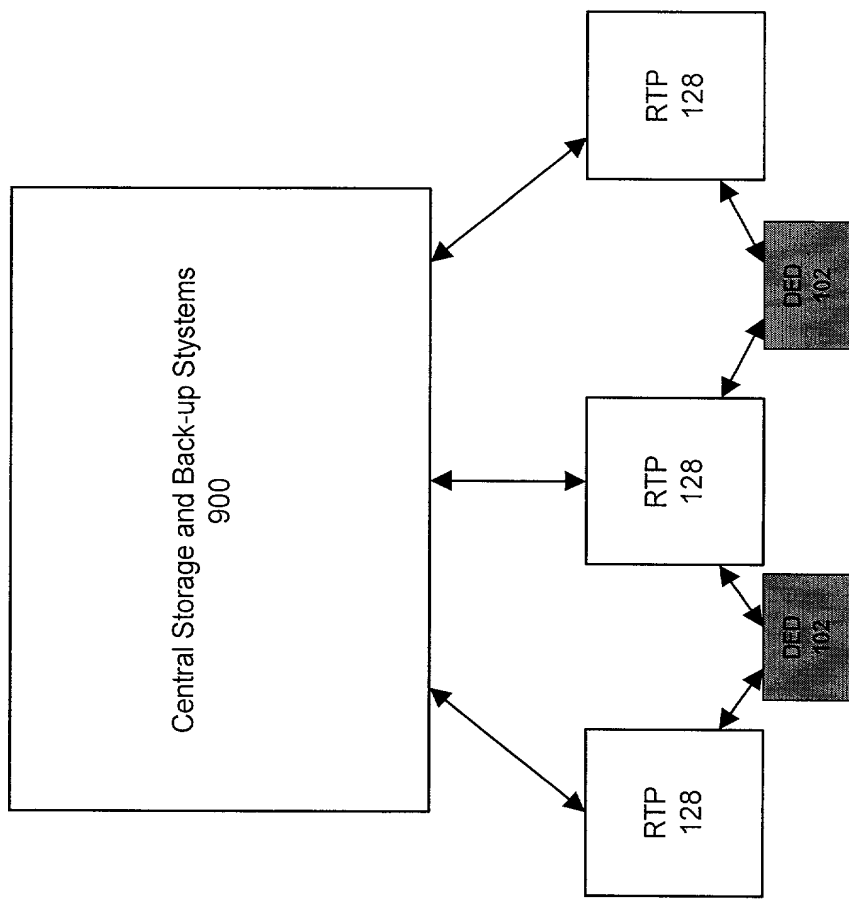


Figure 10

